

## REMARKS

In lieu of, or in addition to, the response in Applicant's response filed via EFS on October 1, 2008, relative to the Requirement Under 37 CFR §1.105, Applicant submits the following information.

1. Listing of keywords for search

Applicant suggests the Examiner might want to try:

privacy preserving data mining, random perturbation.

2. Publications relied upon by Applicant for development

Applicant does not have any other publications to offer in response, other than those publications previously filed in the initial IDS.

Publications specifically identified as having been consulted (previously submitted in the original IDS):

1. D. Agrawal and C. C. Aggarwal. On the design and quantification of privacy preserving data mining algorithms. In *Symposium on Principles of Database Systems*, 2001.

2. R. Agrawal and R. Srikant. Privacy-preserving data mining. In *Proc. of the ACM SIGMOD Conference on Management of Data*, pages 439–450. ACM Press, May 2000.

3. Prior art search

Applicant is not aware of any prior art search having been done for the claimed invention. All documents known by Applicant as reasonably possibly related to the novelty of the invention were presented in the initial IDS.

However, based on the additional requirement by the Examiner, Applicant additionally brings to the Examiner's attention the following publications that describe random perturbation of data to implement privacy preserving data mining. As pointed out in the disclosure, the method of perturbation described in these publications requires an estimation algorithm to require the data distribution that is iterative and computationally intensive. The approach of the present invention uses a different method of perturbation that uses a data distribution estimation algorithm that is very simple.

The additional prior art:

1. W.Du and M. J. Atallah. Privacy-preserving cooperative scientific computation. In *14th IEEE Computer Security Foundations Workshop*, 2001.
2. M. Kantarcioglu and C. Clifton. Privacy-preserving distributed mining of association rules on horizontally partitioned data. In *ACMSIGMOD Workshop on Research Issues in Data Mining and Knowledge Discovery*, 2002.
3. Y. Lindell and B. Pinkas. Privacy preserving data mining. In *Advances in Cryptology-crypto 2000*, 2000.

Applicant expects to shortly submit a copy of these documents.

### FORMAL MATTERS AND CONCLUSION

In view of the foregoing, Applicant submits that claim 1, the only claim presently pending in the application, is patentably distinct over the prior art of record and is in condition for allowance. The Examiner is respectfully requested to pass the above application to issue at the earliest possible time.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

Please charge any deficiencies in fees or to credit any overpayment in fees to Attorney's Deposit Account No. 50-0510.

Respectfully Submitted,



Date: October 8, 2008

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Frederick E. Cooperrider  
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CERTIFICATION OF TRANSMISSION

I certify that I submitted via EFS this Supplemental Amendment Under 37 CFR §1.111 on October 8, 2008.

A handwritten signature in black ink, reading "Frederick Cooperrider". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Frederick E. Cooperrider  
Reg. No. 36,769